

Amendments to the Claims

As indicated below, please cancel claims 11-21, 28-32 and 37-39, amend claims 3, 4, 24 and 25, and add new claims 42-51. This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Original) A method for an application program communicatively
2 coupled to a network to process Uniform Resource Locators (URL), comprising:
3 receiving a block of data;
4 executing an agent to identify a URL within the block of data;
5 extracting meta-data associated with the URL describing the block of data;
6 storing the URL and said extracted meta-data in a collective; and
7 organizing the collective.

8 2. (Original) The method of claim 1, further comprising:
9 annotating said stored URL with annotations.

10 3. (Currently Amended) The method of claim 2, the block of data comprising
11 fields, the method further comprising:
12 displaying a user interface;
13 displaying within the user interface said fields ~~field identifiers~~, and corresponding
14 selectable regions, wherein selection thereof for a field causes storage of the field within
15 the collective; and
16 displaying within the user interface an annotation region for entering said
17 annotations.

1 4. (Currently Amended) The method of claim 1, the block of data comprising
2 fields, the method further comprising:
3 displaying a user interface; and
4 displaying within the user interface said fields ~~field identifiers~~, and corresponding
5 selectable regions, wherein selection thereof for a field causes storage of the field within
6 the collective.

7 5. (Original) The method of claim 1, wherein said extracting is performed
8 with respect to an extraction policy.

9 6. (Original) The method of claim 1, further comprising:
10 wherein the URL comprises a machine reference to a resource location path;
11 and
12 wherein said organizing is based at least in part on the contents of said path.

13 7. (Original) The method of claim 1, further comprising, wherein said
14 organizing is based at least in part on a characteristic of the URL, said characteristic
15 being a selected one of: a domain, a machine identifier, and a resource location path.

16 8. (Original) The method of claim 1, wherein said organizing is based at
17 least in part on said meta-data.

18 9. (Original) The method of claim 8, further comprising:
19 wherein the block of data comprises an Electronic Mail (E-mail) message; and

1 wherein said meta-data comprises selected ones of: a sender of the block of
2 data, a subject of the block of data, a sending time or date for the block of data, a
3 recipient of the block of data, a storage destination for the block of data, and user
4 defined data fields associated with the block of data.

5 10. (Original) The method of claim 8, wherein said meta-data comprises:
6 a sender of the block of data, a subject of the block of data, a sending time or date for
7 the block of data, a recipient of the block of data, a storage destination for the block of
8 data, and user defined data fields associated with the block of data.

9 11. (Cancelled) A method for a network application program to process a
10 Uniform Resource Locator (URL), comprising:

11 receiving, with the application program, a block of data comprising an
12 electronically distributable document;

13 identifying the URL within the block of data;

14 adding an entry to a collective, the entry including the URL and origin data
15 corresponding to the URL;

16 retrieving content identified by the URL according to an applicable policy; and

17 storing said retrieved content within the collective.

18 12. (Cancelled) The method of claim 11, wherein said policy for retrieving
19 content is a selected one of: retrieve selected content when the application program
20 operates on the block of data, retrieve selected content based at least in part on an
21 expert system, and retrieve selected content based at least in part on pattern matching.

1 13. (Cancelled) The method of claim 12, further comprising:

2 preparing a list of the URLs within the block of data;

3 displaying an interface allowing selection of URL entries of the list; and

4 performing said retrieving content for a selected entry of the list.

5 14. (Cancelled) The method of claim 11, wherein the application program is

6 an Electronic Mail (E-mail) program, and wherein the block of data is an E-mail

7 message.

8 15. (Cancelled) The method of claim 14, wherein the E-mail program has

9 definable rules operable on the block of data, the method further comprising:

10 providing a rule for processing the block of data according to said policy; and

11 assigning a processing mode to the rule.

12 16. (Cancelled) The method of claim 14, further comprising:

13 displaying a user-interface configured to display the URL, and allow selection

14 thereof, wherein selection of the URL triggers said retrieving.

15 17. (Cancelled) The method of claim 11, wherein said identifying the URL is

16 performed with a system-wide program module operable on plural concurrently

17 executing application programs.

18 18. (Cancelled) The method of claim 11, wherein the collective comprises a

19 selected one of: Microsoft Internet browser Favorites, and Netscape Internet browser

20 bookmarks.

1 19. (Cancelled) The method of claim 18, further comprising:
2 executing the application program within an operating system providing offline
3 storage for content retrievable over the network; and
4 configuring said offline storage to retrieve said content identified by the URL.

5 20. (Cancelled) The method of claim 11, further comprising:
6 executing the application program within an operating system providing offline
7 storage for content retrievable over the network; and
8 configuring said offline storage so that said content identified by the URL is
9 retrieved in accordance with said policy.

10 21. (Cancelled) The method of claim 11, wherein the application program
11 comprises a network proxy for filtering the block of data.

12 22. (Original) An apparatus, comprising a readable medium having
13 instructions encoded thereon for execution by a processor, said instructions capable of
14 directing the processor to perform:

15 receiving a block of data;
16 executing an agent to identify a URL within the block of data;
17 extracting meta-data associated with the URL describing the block of data;
18 storing the URL and said extracted meta-data in a collective; and
19 organizing the collective.

1 23. (Original) The apparatus of claim 22, said instructions further
2 comprising instructions capable of directing the processor to perform:
3 annotating said stored URL with annotations.

4 24. (Currently Amended) The apparatus of claim 23, said instructions
5 further comprising instructions capable of directing the processor to perform:
6 displaying a user interface;
7 displaying within the user interface said a field identifier[s] associated with the
8 block of data, and corresponding selectable regions, wherein selection thereof for a field
9 causes storage of the field within the collective; and
10 displaying within the user interface an annotation region for entering said
11 annotations.

12 25. (Currently Amended) The apparatus of claim 22, said instructions
13 further comprising instructions capable of directing the processor to perform:
14 displaying a user interface; and
15 displaying within the user interface said a field identifier[s] associated with the
16 block of data, and corresponding selectable regions, wherein selection thereof of ~~for~~ a
17 field causes storage of the field within the collective.

18 26. (Original) The apparatus of claim 22, said instructions for said
19 organizing comprising instructions capable of directing the processor to perform:

1 organizing based at least in part on a characteristic of the URL, said
2 characteristic being a selected one of: a domain, a machine identifier, and a resource
3 location path.

4 27. (Original) The apparatus of claim 22, said instructions for said
5 organizing comprising instructions capable of directing the processor to perform said
6 organizing based at least in part on said meta-data, the apparatus further comprising:
7 wherein the block of data comprises an Electronic Mail (E-mail) message; and
8 wherein said meta-data comprises selected ones of: a sender of the block of
9 data, a subject of the block of data, a sending time or date for the block of data, a
10 recipient of the block of data, a storage destination for the block of data, and user
11 defined data fields associated with the block of data.

12 28. (Cancelled) An apparatus, comprising a readable medium having
13 instructions encoded thereon for execution by a processor, said instructions capable of
14 directing the processor to perform:
15 receiving, with the application program, a block of data comprising an
16 electronically distributable document;
17 identifying the URL within the block of data;
18 adding an entry to a collective, the entry including the URL and origin data
19 corresponding to the URL;
20 retrieving content identified by the URL according to an applicable policy; and
21 storing said retrieved content within the collective.

1 29. (Cancelled) The apparatus of claim 28, wherein said instructions for said
2 policy for retrieving content comprises instructions for a selected one of:
3 retrieving selected content when the application program operates on the block
4 of data, retrieving selected content based at least in part on an expert system, and
5 retrieving selected content based at least in part on pattern matching.

6 30. (Cancelled) The apparatus of claim 29, said instructions further comprising
7 instructions capable of directing the processor to perform:
8 preparing a list of the URLs within the block of data;
9 displaying an interface allowing selection of URL entries of the list; and
10 performing said retrieving content for a selected entry of the list.

11 31. (Cancelled) The apparatus of claim 28, said instructions further comprising
12 instructions capable of directing the processor to perform:
13 executing the application program within an operating system providing offline
14 storage for content retrievable over the network; and
15 configuring said offline storage to retrieve said content identified by the URL.

16 32. (Cancelled) The apparatus of claim 28, said instructions further comprising
17 instructions capable of directing the processor to perform:
18 executing the application program within an operating system providing offline
19 storage for content retrievable over the network; and
20 configuring said offline storage so that said content identified by the URL is
21 retrieved in accordance with said policy.

1 33. (Original) An apparatus, comprising:

2 means for receiving a block of data;

3 means for executing an agent to identify a URL within the block of data;

4 means for extracting meta-data associated with the URL describing the block of
5 data;

6 means for storing the URL and said extracted meta-data in a collective; and

7 means for organizing the collective.

8 34. (Original) The apparatus of claim 33, further comprising:

9 means for annotating said stored URL with annotations;

10 means for displaying a user interface;

11 means for displaying within the user interface said field identifiers, and

12 corresponding selectable regions, wherein selection thereof for a field causes storage of
13 the field within the collective; and

14 means for displaying within the user interface an annotation region for entering
15 said annotations.

16 35. (Original) The apparatus of claim 34, further comprising:

17 means for displaying a user interface; and

18 means for displaying within the user interface said field identifiers, and

19 corresponding selectable regions, wherein selection thereof for a field causes storage of
20 the field within the collective.

21 36. (Original) The apparatus of claim 33, further comprising:

means for organizing based at least in part on a characteristic of the URL, said characteristic being a selected one of: a domain, a machine identifier, and a resource location path.

37. (Cancelled) An apparatus, comprising:

means for receiving, with the application program, a block of data comprising an electronically distributable document;

means for identifying the URL within the block of data;

means for adding an entry to a collective, the entry including the URL and origin data corresponding to the URL;

means for retrieving content identified by the URL according to an applicable policy; and

means for storing said retrieved content within the collective.

38. (Cancelled) The apparatus of claim 37, further comprising:

means for retrieving selected content when the application program operates on the block of data, retrieving selected content based at least in part on an expert system, and retrieving selected content based at least in part on pattern matching.

39. (Cancelled) The apparatus of claim 38, further comprising:

means for preparing a list of the URLs within the block of data;

means for displaying an interface allowing selection of URL entries of the list;

and

means for performing said retrieving content for a selected entry of the list.

1 40. (Original) The apparatus of claim 33, further comprising:
2 means for executing the application program within an operating system
3 providing offline storage for content retrievable over the network; and
4 means for configuring said offline storage to retrieve said content identified by the
5 URL.

6 41. (Original) The apparatus of claim 33, further comprising:
7 means for executing the application program within an operating system
8 providing offline storage for content retrievable over the network; and
9 means for configuring said offline storage so that said content identified by the
10 URL is retrieved in accordance with said policy.

11 42. (New) Machine-accessible data embedded in a propagated signal,
12 wherein the data, when accessed, results in a machine performing:
13 receiving a block of data;
14 executing an agent to identify a URL within the block of data;
15 extracting meta-data associated with the URL describing the block of data;
16 storing the URL and said extracted meta-data in a collective; and
17 organizing the collective.

18 43. (New) The propagated signal of claim 42 wherein the machine-accessible
19 data further includes data, when accessed, results in the machine performing:
20 annotating said stored URL with annotations.

1 44. (New) The propagated signal of claim 43, wherein the block of data
2 includes fields, and wherein the machine-accessible data further includes data, when
3 accessed, results in the machine performing:
4 displaying a user interface;
5 displaying within the user interface said fields, and corresponding selectable
6 regions, wherein selection thereof for a field causes storage of the field within the
7 collective; and
8 displaying within the user interface an annotation region for entering said
9 annotations.

10 45. (New) The propagated signal of claim 42, wherein the block of data
11 includes fields, and wherein the machine-accessible data further includes data, when
12 accessed, results in the machine performing:
13 displaying a user interface; and
14 displaying within the user interface said fields, and corresponding selectable
15 regions, wherein selection thereof for a field causes storage of the field within the
16 collective.

17 46. (New) The propagated signal of claim 42, wherein said extracting is
18 performed with respect to an extraction policy.

19 47. (New) The propagated signal of claim 42, further comprising:
20 wherein the URL comprises a machine reference to a resource location path;
21 and

1 wherein said organizing is based at least in part on the contents of said path.

2 48. (New) The propagated signal of claim 42, wherein said organizing is
3 based at least in part on a characteristic of the URL, said characteristic being a selected
4 one of: a domain, a machine identifier, and a resource location path.

5 49. (New) The propagated signal of claim 42, wherein said organizing is
6 based at least in part on said meta-data.

7 50. (New) The propagated signal of claim 49, further comprising:
8 wherein the block of data comprises an Electronic Mail (E-mail) message; and
9 wherein said meta-data comprises selected ones of: a sender of the block of
10 data, a subject of the block of data, a sending time or date for the block of data, a
11 recipient of the block of data, a storage destination for the block of data, and user
12 defined data fields associated with the block of data.

13 51. (New) The propagated signal of claim 49, wherein said meta-data
14 comprises: a sender of the block of data, a subject of the block of data, a sending time
15 or date for the block of data, a recipient of the block of data, a storage destination for
16 the block of data, and user defined data fields associated with the block of data.